return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

9. The method for implantation of an artificial intraocular lens as defined in claim 7 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

10. A method for implantation of an artificial intraocular lens for replacement of a surgically removed crystalline lens, the method comprising the steps of:

providing an intraocular lens having a deformable optical zone portion with prescribed memory charactieristics; deforming said intraocular lens by stretching said optical zone portion to a diameter of about 80% or less of the cross-sectional diameter of the optic in an unstressed state; inserting the intraocular lens through a relatively small incision made in the ocular tissue; allowing the lens implant to return to its original configuration, full size and fixed focal length after insertion in the eye; whereby a safer, more convenient surgical procedure and more comfortable fit for the eye is achieved.

11. The method for implantation as defined in claim 10 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

12. The method for implantation of an artificial intraocular lens as defined in claim 10 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

13. method for implantation of an artificial intraocular lens for refractive correction of a human eye, the method comprising the steps of:

providing an intraocular lens having a deformable optical zone portion with prescribed memory characteristics; deforming the intraocular lens by compressing the optical zone portion to a diameter of about 80% or less of the cross-sectional diameter of the optic in an unstressed state; inserting the intraocular lens through a relatively small incision made in the ocular tissue; allowing the lens implant to return to its original configuration, full size and fixed focal length after insertion in the eye; whereby a safer, more convenient surgical procedure and more comfortable fit for the eye is achieved.

14. The method for implantation as defined in claim 13 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

15. The method for implantation of an artificial intraocular lens as defined in claim 13 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

16. A method for implantation of an artificial intraocular lens for refractive correction of a human eye , the method comprising the steps of:

providing an intraocular lens having a deformable optical zone portion with prescribed memory characteristics; deforming the intraocular lens by rolling the optical zone portion to a diameter of about 80% or less of the cross-sectional diameter of the optic in an unstressed state; inserting the intraocular lens through a relatively small incision made in the ocular tissue; allowing the lens implant to return to its original configuration, full size and fixed focal length after insertion in the eye; whereby a safer, more convenient, surgical procedure and more comfortable fit for the eye is achieved.

17. The method for implantation as defined in claim 16 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

18. The method for implantation of an artificial intraocular lens as defined in claim 10 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

19. A method for implantation of an artificial intraocular lens for refractive correction of an eye, the method comprising the steps of:

providing an intraocular lens having a deformable optical zone portion with prescribed memory characteristics; deforming the intraocular lens by folding the optical zone portion to a diameter of about 80% or less of the cross-sectional diameter of the optic in an unstressed state; inserting the intraocular lens through a relatively small incision made in the ocular tissue; allowing the lens implant to return to its original configuration, full size and fixed focal length after insertion in the eye; whereby a safer, more convenient, surgical procedure and more comfortable fit for the eye is achieved.

20. The method for implantation as defined in claim 19 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

21. The method for implantation of an artificial intraocular lens as defined in claim 19 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

22. A method for implantation of an artificial intraocular lens for refractive correction of a human eye, the method comprising the steps of:

providing an intraocular lens having a deformable optical zone portion with prescribed memory characteristics; deforming the intraocular lens by stretching the optical zone portion to a diameter of about 80% or less of the cross-sectional diameter of the optic in an unstressed state; inserting the intraocular lens through a relatively small incision made in the ocular tissue; allowing the lens implant to return to its original configuration, full size and fixed focal length after insertion in the eye; whereby a safer, more convenient, surgical procedure and more comfortable fit for the eye is achieved.

23. The method for implantation as defined in claim 22 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position in front of the iris and the pupil of the eye.

24. The method for implantation of an artificial intraocular lens as defined in claim 22 wherein said intraocular lens is inserted and allowed to return to its original configuration, full size and fixed focal length in a position behind the iris and the pupil of the eye.

* * * * *